



EXPLANATION

QAL
ALLUVIUM

PG
PEGMATITE
DIKES

PILOT BUTTE
GRD
GRANODORITE

ANGEL
QD
QUARTZ DIORITE

SAN MARCOS
GB
GABBRO

INDIAN
GN
GNEISS

STRIKE AND DIP

STRIKE AND DIP
OF
SCHISTOSITY OR FOLIATION

BASE FROM U.S. GEOLOGICAL SURVEY
RAMONA QUADRANGLE
GEOLOGY MAPPED ON AIRPLANE
PHOTOGRAPHS. SCALE 1/12000 (± 10%)

GEOLOGY BY MAURICE DONNELLY
SURVEYED IN 1934-1935

GEOLOGIC MAP OF THE MESA GRANDE DISTRICT SAN DIEGO COUNTY, CALIFORNIA

0 1 MILE
CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL

TRUE NORTH
MAGNETIC NORTH